



## Purpose of Document

This document describes the prerequisites for each ST Math Objective in the 2022-2023 school year Common Core curriculum. Any effective reordering of Objectives should respect the indicated Objective prerequisites in order to avoid breaking the internal coherence, schema building, and content dependencies that exist between certain Objective pairs.

## Considerations for Curriculum Reordering

Even though the ST Math Objective order can be changed to match your school / textbook topic ordering, the length of time students spend on topics may differ due to the personalized nature of ST Math. For example, your school / textbook syllabus may schedule 2 weeks for Counting to 10, but students who need more time may take 4 weeks in ST Math.

## Prerequisite Objectives

Prerequisite Objectives should be played before the indicated ST Math Objective. The left side of the table below displays each ST Math Objective in the default order and the right side shows the immediate prerequisite for each Objective.

**Please consider:** Any immediate prerequisite in the right column may have its own prerequisites. Objectives that are positioned by default later in the Journey will likely have a chain of prerequisites.

## Grade 6

### Journey

ST Math Objective	Is a prerequisite for	Prerequisite(s)
Negative Numbers	2 Objectives	
Coordinates and Distances	2 Objectives	Negative Numbers
Proportional Reasoning		
Percents		
Unit Rates, Tables, and Graphs (G6)	2 Objectives	Coordinates and Distances
Fraction Division		Unit Rates, Tables, and Graphs (G6)
Properties of Operations (G6)	2 Objectives	
Division Algorithm	1 Objective	
Modeling with Expressions (G6)		Properties of Operations (G6)
Solving One-Step Equations (G6)		Properties of Operations (G6)
Linear Relationships (G6)		
Exponents		
Decimal Addition and Subtraction		
Decimal Multiplication		
Decimal Division		Division Algorithm
Area of Polygons		
Line Plot Intro and Histograms	1 Objective	Negative Numbers
Line Plots And Summary Statistics (G6)		Line Plot Intro and Histograms

### Bonus

ST Math Objective	Is a prerequisite for	Prerequisite(s)
Challenge 6		
Cognitive Training		
Applying Rates and Ratios (G6)		Unit Rates, Tables, and Graphs (G6)
Graphing Proportional Relationships		Coordinates and Distances
Summer Bridge Grade 6		